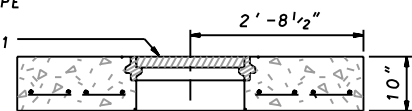


### NOTES

1. THIS MANHOLE IS FOR PIPES UP TO 36" DIAMETER.
2. MANHOLE SHALL BE CONSTRUCTED OF REINFORCED CONCRETE (MIX NO. 2). BRICK AND MORTAR MAY BE USED IN NON-TRAFFIC AREAS ONLY
3. BENCH HEIGHT ABOVE OUTGOING PIPE INVERT SHALL BE HALF THE DIAMETER OF THE PIPE.
4. VERTICAL DEPTH PAYMENT PER LINEAR FOOT SHALL INCLUDE ALL DEPTHS IN EXCESS OF THE 3'-10".

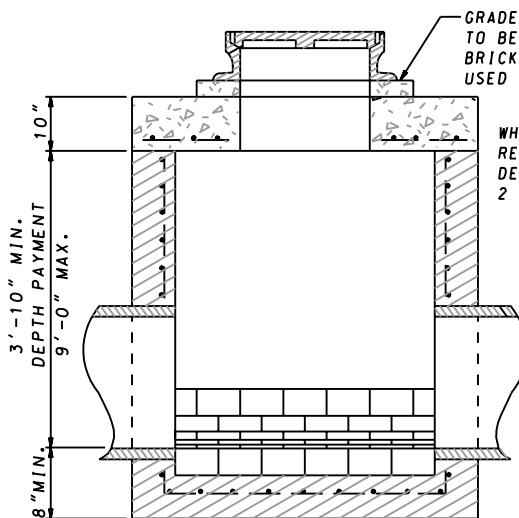
FOR DETAILS OF TYPE 'D' FRAME & COVER SEE STD. MD 383.61



### SECTION C-C

PRECAST CONC. SLAB WITH TYPE 'D' FRAME & COVER (NON-TRAFFIC AREAS)

STANDARD TYPE 'A' MANHOLE FRAME & COVER SEE STANDARDS MD-383.31 & 383.32 (WHEN IN NON-TRAFFIC AREAS USE STD. TYPE 'D' FRAME & COVER. SEE SECTION C-C PRECAST CONC. SLAB.



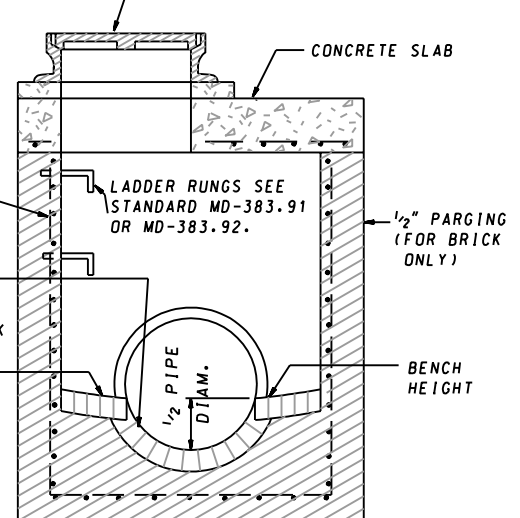
### SECTION A-A

GRADE ADJUSTMENT TO BE CONC. MIX NO.2 BRICK & MORTAR MAY BE USED IN NON-TRAFFIC AREAS.

WHEN CONCRETE IS USED REINFORCING TO BE NO.4 DEFORMED BARS @ 6" C/C 2 WAYS, 2 COVER.

CHANNEL SHALL BE CONCRETE OR BRICK

CONCRETE OR BRICK ON EDGE 1/4" FALL PER FT.



### SECTION B-B

SPECIFICATION <b>305</b>	CATEGORY CODE ITEMS										
APPROVED <i>Kirk G. McCall</i> DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT											
<b>SHA</b> State Highway Administration	<table> <tr> <td>APPROVAL • SHA REVISIONS</td><td>APPROVAL • FEDERAL HIGHWAY ADMINISTRATION</td></tr> <tr> <td>APPROVAL</td><td>APPROVAL 3-1-83</td></tr> <tr> <td>REVISED 10-1-01</td><td>REVISED 4-26-89</td></tr> <tr> <td>REVISED</td><td>REVISED</td></tr> <tr> <td>REVISED</td><td>REVISED</td></tr> </table>	APPROVAL • SHA REVISIONS	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION	APPROVAL	APPROVAL 3-1-83	REVISED 10-1-01	REVISED 4-26-89	REVISED	REVISED	REVISED	REVISED
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**Maryland Department of Transportation**  
**STATE HIGHWAY ADMINISTRATION**  
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

**48" SQUARE**  
**STANDARD SHALLOW MANHOLE**

**STANDARD NO. MD. 383.00**